

SAFETY OBSERVATION REPORT

Observers: J. Sandberg, J. Tuozzolo, E. Lessard		Date: 11/8/07	Duration: 1 Hr.	C-AD Building 1004B		
Observation Categories	Observation Questions:					
POS	In risky position relative to task? Exposed to risks of temperature/electricity/gas/chemicals/radiation? Protection OK?					
ERG	Risks from: posture, repetitive motion, load, vibration, temperature, lighting, noise, work flow?					
PPE	Correct PPE? In safe condition? All parts of the body properly protected?					
T&E	Is tool, equipment or facility right for the job? In safe condition? Used correctly?					
PRO	Is there a standard procedure? Is procedure adequate? Up to date? Understood? Followed?					
ORD	Is workplace orderly? Adequate space? Is there a place for all materials and equipment? All in its place?					
ASF	No unsafe acts or conditions identified					
Work Area or Location	Number of Contacts	Description of unsafe acts	Observation Category	Follow-up Action	Person Responsible	By Date
Building 1004B (Cryo and Power Area)	4	No unsafe acts identified. The work manager showed us properly prepared work control documents and procedures for the HiPot job they were about to perform. PPE for the job was available and hearing protection was in use during the observation.	ASF			
		Open roof louvers and unsealed penetrations cause the HVAC to perform ineffectively. A mold smell is new. Equipment and floors are heavily dusted due to opening doors in hot weather.	ERG	Seal the building opening to outside air in order to create a safe environment for people and equipment.	J. Benante	06-30-2008
		Lighting inside this industrial building is inadequate.	ERG	Install permanent lighting fixtures that provide enough light for safe working conditions.	J. Benante	06-30-2008
		The electrical safety barrier on top of the valve box is snow fencing, which has large mesh and is very flexible. Plastic fencing should not be used as a permanent barrier for exposed conductors.	T&E	Replace the snow fencing used to barrier power supply terminals on valve boxes with appropriate electrical barriers.	V. Badea with J. Sandberg and J. Tuozzolo	12-30-2009 (See Comment)

		This area is a noise area but only one door is posted and the posting is an old >5 minute sign.	PPE	Post all entrance doors with up to date noise area signs	P. Cirmigliaro	11-30-2007
		Housekeeping is deteriorating in some locations. For example, the floor area under the valve box is cluttered with stored equipment belonging to several different C-AD groups. This area should normally be a clear floor space.	ORD	Contact various owners and correct the problem	J. Sandberg, J. Tuozzolo and J. Benante	11-30-2007

COMMENT:

With regard to installing permanent barriers for electrical safety on the top of valve boxes, there is an important operational issue. The valve boxes are rather delicate. The feedthroughs have been known to leak when moved. They are all different shape and size as well. The most reasonable approach to this problem is to schedule the modification of one or two next summer and see how it goes before scheduling the rest. Currently, in addition to the temporary barrier, the ladder to the top of a valve box is chained and a warning sign indicates "Authorized Personnel Only."